

	Lower Case		
		from	to
space		0	168
a	49	169	218
b	17	219	236
c	26	237	263
d	24	264	288
e	70	289	359
f	12	360	372
g	13	373	386
h	27	387	414
i	59	415	474
j	1	475	476
k	2	477	479
l	13	480	493
m	20	494	514
n	55	515	570
	43	571	614
p	30	615	645
q	1	646	647
r	49	648	697
s	52	698	750
t	56	751	807
u	12	808	820
v	7	821	828
w	7	829	836
x	2	837	839
y	24	840	864
z	1	865	866
A	3	867	870
B	3	871	874
C	3	875	878
D	3	879	882
E	3	883	886
F	3	887	890
G	3	891	894
H	3	895	898
I	3	899	902
J	3	903	906
K	3	907	910
L	3	911	914
M	3	915	918
N	3	919	922
O	3	923	926
P	3	927	930
Q	3	931	934
R	3	935	938
S	3	939	942
T	3	943	946

FIG. 1A

U	3	947	950
V	3	951	954
W	3	955	958
X	3	959	962
Y	3	963	966
Z	3	967	970
1	3	971	974
2	3	975	978
3	3	979	982
4	3	983	986
5	3	987	990
6	3	991	994
7	3	995	998
8	3	999	1002
9	3	1003	1006
0	3	1007	1010
~	3	1011	1014
!	3	1015	1018
@	3	1019	1022
#	3	1023	1026
\$	3	1027	1030
%	3	1031	1034
^	3	1035	1038
&	3	1039	1042
*	3	1043	1046
(3	1047	1050
)	3	1051	1054
[3	1055	1058
]	3	1059	1062
{	3	1063	1066
}	3	1067	1070
=	3	1071	1074
+	3	1075	1078
-	3	1079	1082
;	3	1083	1086
:	3	1087	1090
<	3	1091	1094
>	3	1095	1098
,	3	1099	1102
.	3	1103	1106
\	3	1107	1110
/	3	1111	1114
'	3	1115	1118
"		1119	1122
Carage return		1123	1150
Line feed		1151	1155

FIG. 1B

FIG. 2

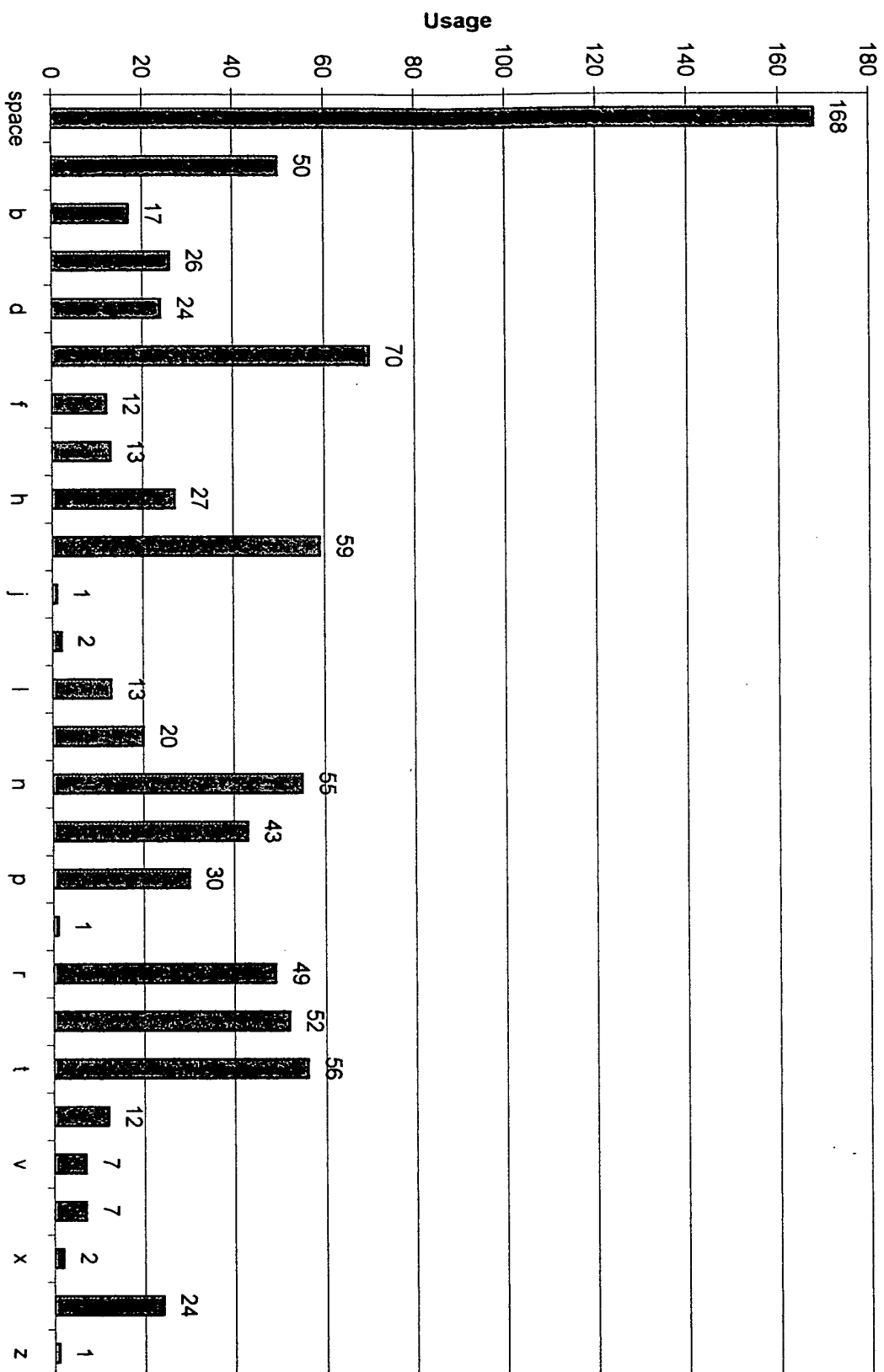


FIG. 3

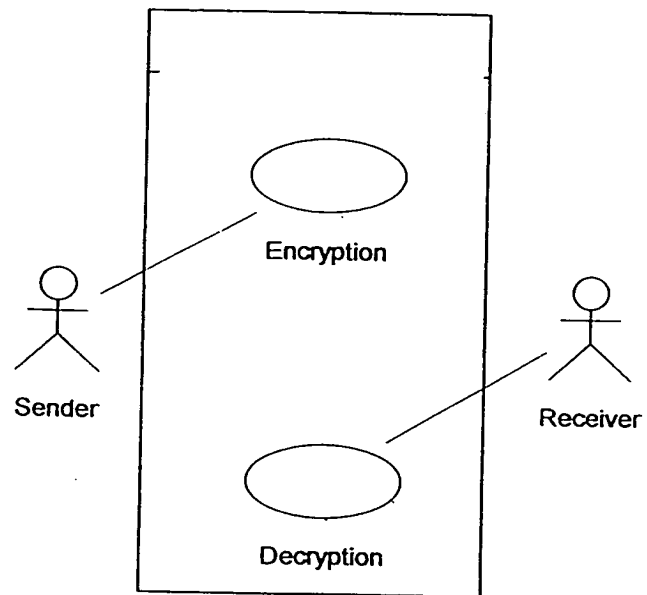


FIG. 4

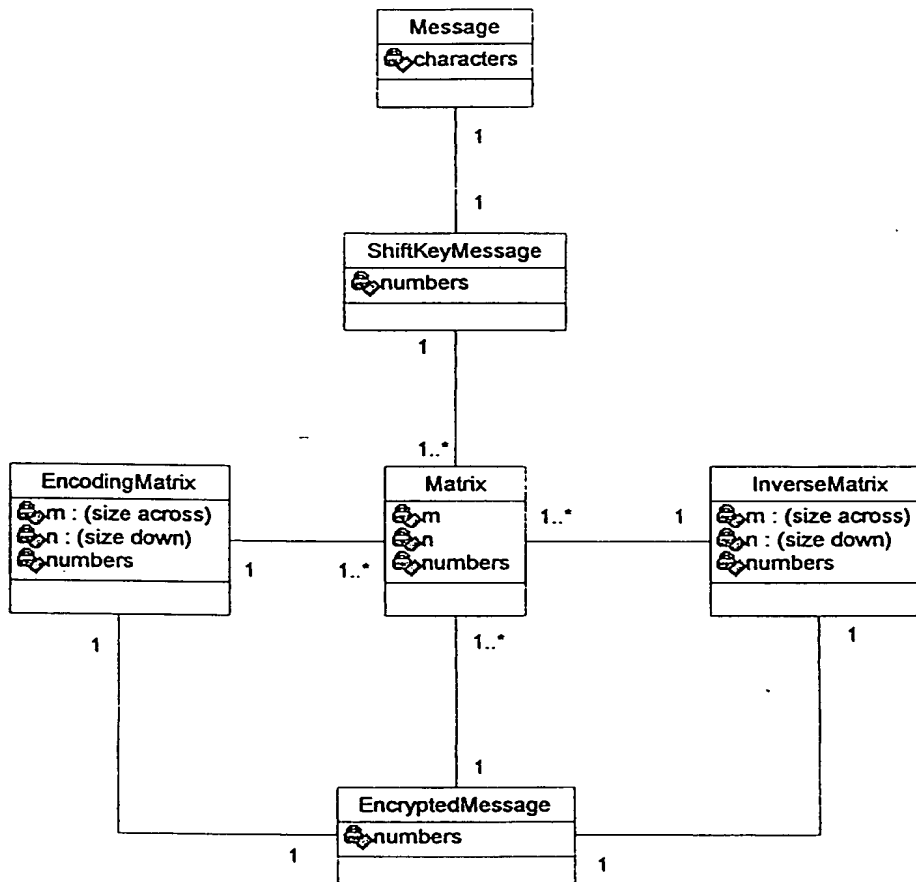


FIG. 5

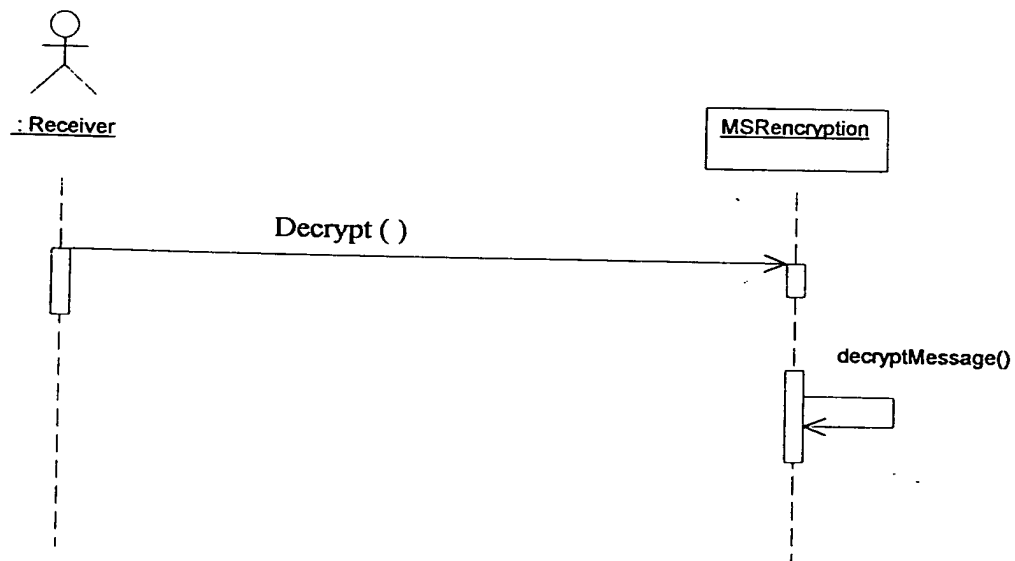
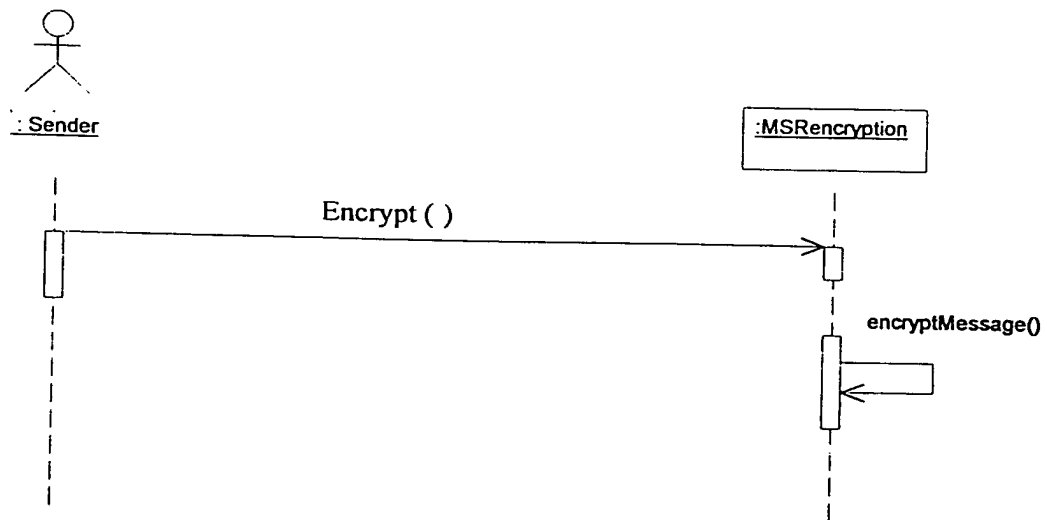


FIG. 6A

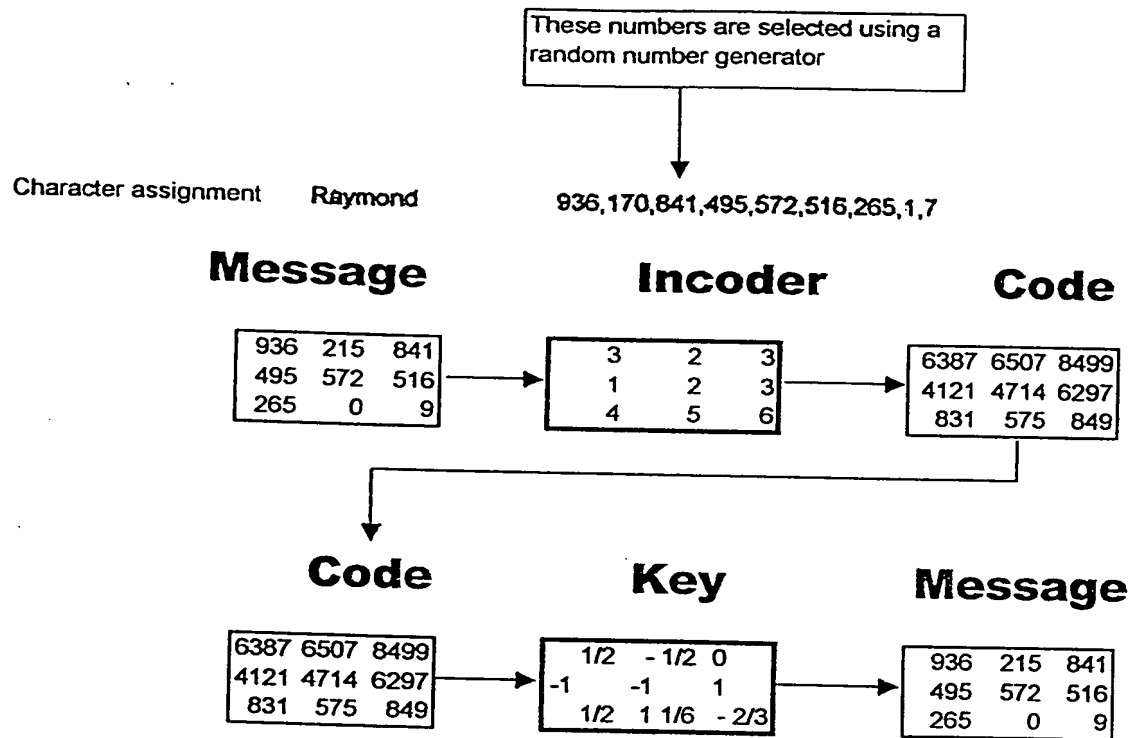


FIG. 6B

Character assignment Raymond

938,218,864,514,614,570,288,150,45

Message

Incoder

Code

938	218	864
514	614	570
288	150	45

3	2	3
1	2	3
4	5	6

6488	6632	8652
4436	5106	6804
1194	1101	1584

Code

Key

Message

6488	6632	8652
4436	5106	6804
1194	1101	1584

$1/2$	$-1/2$	0
-1	-1	1
$1/2$	1	$1/6 - 2/3$

938	218	864
514	614	570
288	150	45

FIG. 6C

Sample (1)

6387	6507	8499
4121	4714	6297
831	575	849

Sample (2)

6488	6632	8652
4436	5106	6804
1194	1101	1584

This is the same
message

FIG. 7A

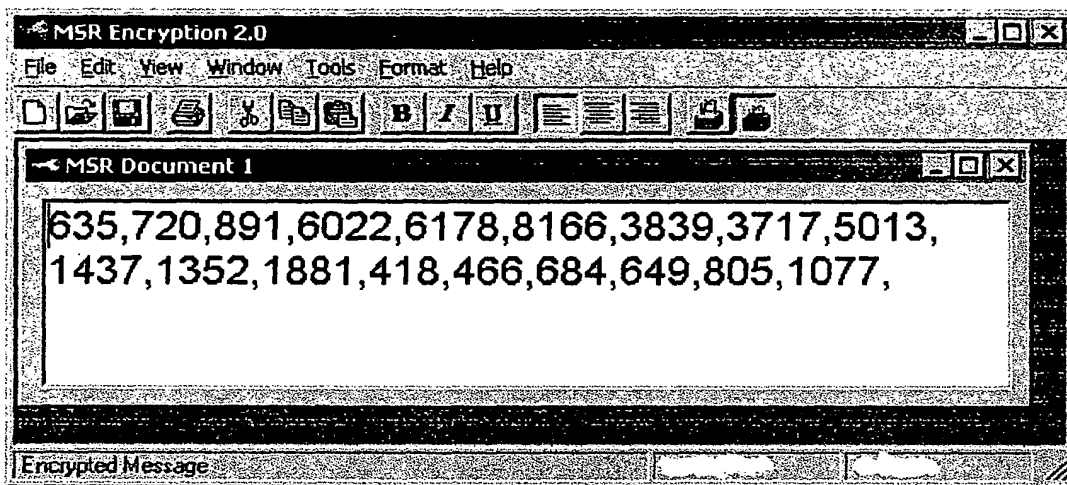
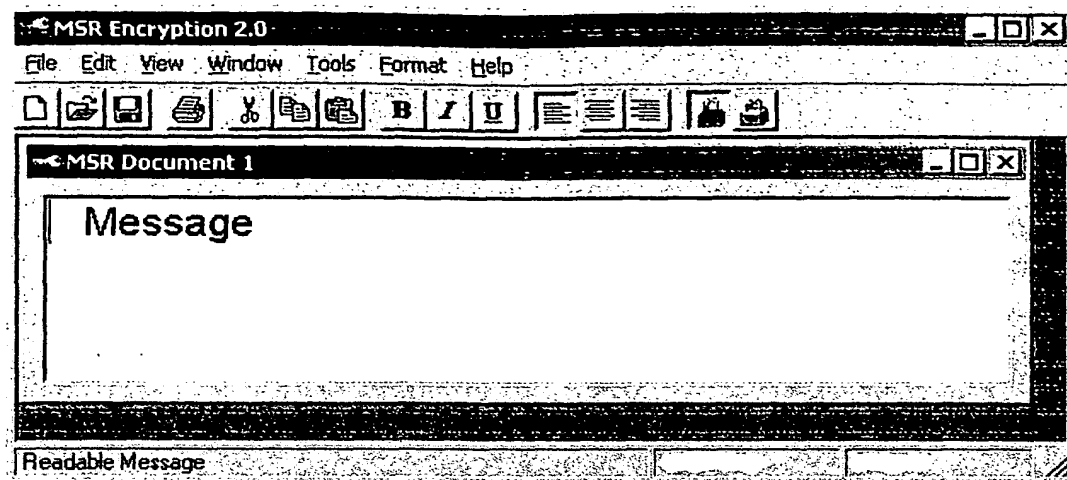


FIG. 7B

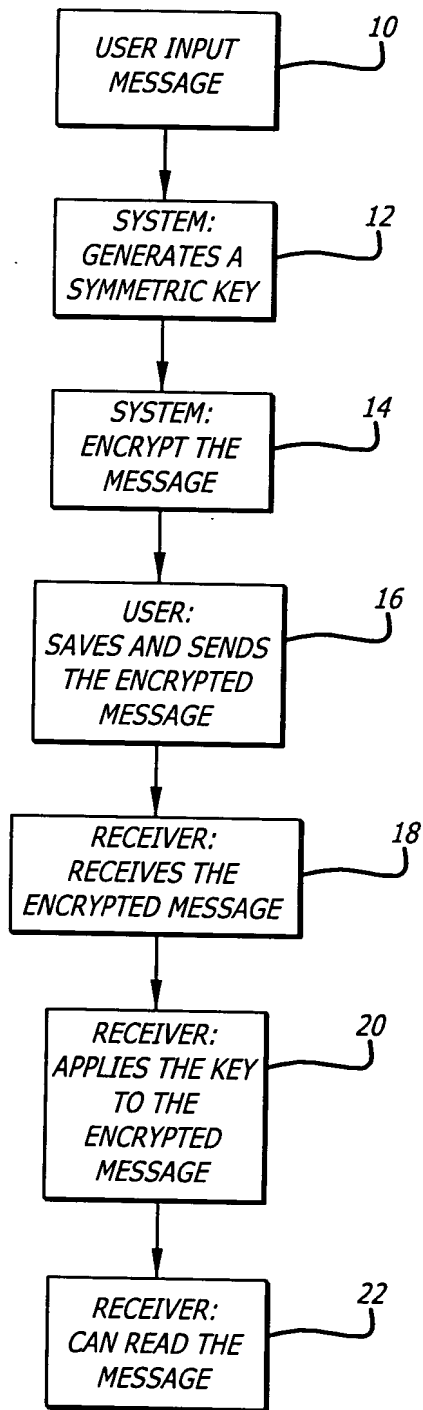


FIG. 8

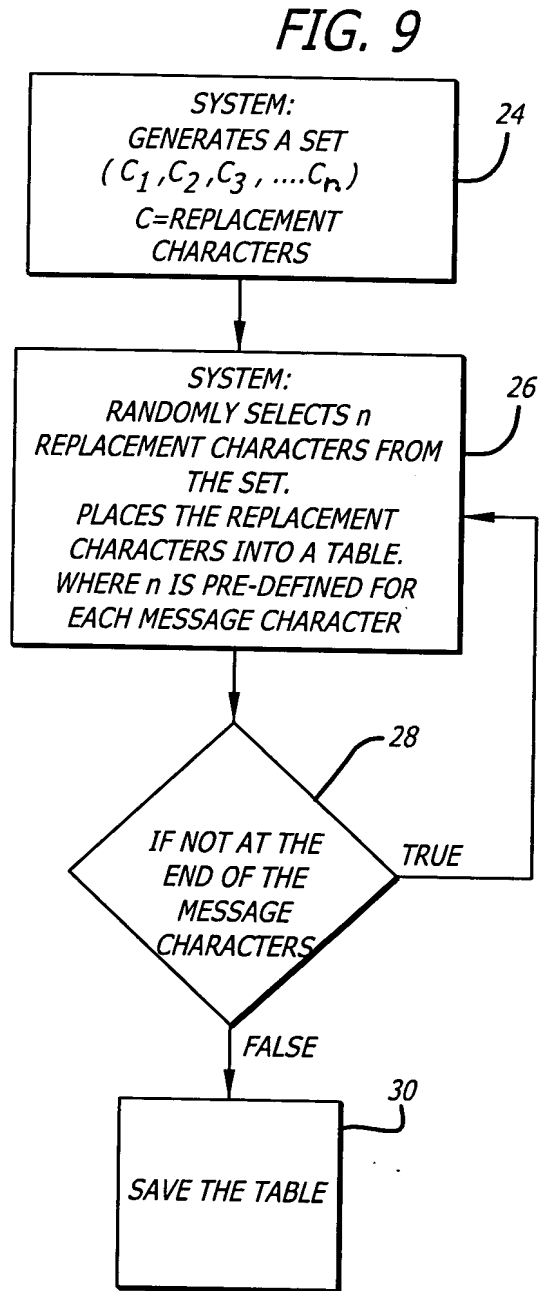


FIG. 9